



Computer Preparation Book

1st.Sec

Second Term



2024 - 2025

Teacher's Biography

Name:

School:

The educational administration:

Qualification:

Teaching Subject:

Comprehensive School:

The school to which he is delegated:

Date of appointment:

The job is on the staff:

Teacher Code:

Mobile Number:

Teacher

Supervisor

School Principal

Daily class schedule

Session Day	First	Second	Third	Fourth	Fifth	Sixth	Seventh	Eightieth	Ninth
Saturday									
Sunday									
Monday									
Tuesday									
Wednesday									
Thursday									

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Teacher

Supervisor

School Principal

Distribution of computer and information technology content



























For 1st.Sec – 2024 - 2025

Second Term

Week	Topic	Accompanying activities
1	- Training in reading Excel sheet data using Visual Basic .NET, identifying the variables used in the project, and identifying the classifications used in the programming code	Practical parts for each lesson
2	- Training in reading Excel sheet data using Visual Basic .NET, assigning the values used to the variables, and using the necessary code to fill the data controls	
3	- Complete the exercise of reading Excel sheet data using Visual Basic .NET	
4	- Create the function to read Excel sheet data	
5	- Write the code necessary to fill the combobox tool with the names of the continents - Solving questions and exercises on the eighth topic	
6	Topic nine: Writing project code - Write the code necessary to fill the combobox tool with the names of countries - Write the necessary code to display country data using theLabel tool . - Solving questions and exercises on the ninth topic	
7	Topic Ten: Adding a map and country flag to the Arab Electronic Atlas program - Write the necessary code to display the country’s flag and map using thepicturebox tool .	Practical parts for each lesson
8	Solving questions and exercises on the tenth topic –	
9	Topic Eleven: Adding the voice of national peace to the Arab Electronic Atlas program - Writing the code necessary to play the country’s national anthem sound file - Write the code necessary to turn on or stop the country’s national anthem sound file	
10	- Solving questions and exercises on topic eleven	
11	Topic Twelve: Adding a video of tourist attractions to the Arab Electronic Atlas program - Writing the code necessary to play the video file of the country’s tourist attractions	
12	Solve questions and exercises on topic twelve	
13 – 14	General review and solution of questions for the second semester	

The General Objectives of Computer

At the end of the second term the student will be able to:

-   Using problem solving technique to create an '(Electronic Arabic Atlas)'.
-   Manipulating data through the operating system and the Internet.
-   Creating a database using one of the Spreadsheets Applications.
-   Creating and employing multimedia files.
-   Establishing Project's interface and adjusting its properties.
-   Using Visual Basic. Net language to display Project's data.
-   Writing Project's codes and, other codes to play and stop multimedia files.
-   Create and processes audio files through some audio editing and processing programs.
-   Create and processes video files through some video editing and processing software.
-   Create a communication channel between databases and software
-   Initialize and recalls image, audio and video files within the software
-   Uses one of the SQL statements(Select)
-   Employ image, audio and video files within the software

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The specified objectives of computer

At the end of the second term the student will be able to:

- ✖ ✖ Write the code required to retrieve data from an Excel sheet.
- ✖ ✖ Write the code required to display data through their corresponding controls on the user interface window.
- ✖ ✖ Explain what is meant by the following terms:
 - ADO
 - Class.
 - Object.
 - Namespace.
 - Framework.
 - SQL
- ✖ ✖ Write the code to open a communication channel.
- ✖ ✖ Declare the variables needed to open a communication channel.
- ✖ ✖ Write the code for loading an Excel file into memory.
- ✖ ✖ Assign data in Spreadsheet' columns located in the memory, to their corresponding controls on the user interface window.
- ✖ ✖ Write the code required to retrieve data from an Excel sheet,
- ✖ ✖ Write the code required to display data through their corresponding controls on the user interface window.
- ✖ ✖ Write the code for displaying images through the user interface controls.
- ✖ ✖ Prevent possible errors while running the program.
- ✖ ✖ Show off the image file types inside the folder.
- ✖ ✖ Identify the path where image files will be saved.
- ✖ ✖ Write the program code to play or stop a sound file; when pressing the command button
- ✖ ✖ Declare variables and specify their location; on the level of class, or procedure.
- ✖ ✖ Show the audio file types inside the folder.
- ✖ ✖ Specify the path where sound files are saved
- ✖ ✖ Write the program code to play or stop a video file.
- ✖ ✖ Specify the path where video files are saved.
- ✖ ✖ Show the video file types inside the folder.

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Reading data from an Excel sheet using Visual Basic.net

[illegible]

Adding the Video file of tourist attractions to (Electronic Arabic Atlas)

[illegible]

Adding the Video file of tourist attractions to (Electronic Arabic Atlas) - "Question"

This image shows a full page of white paper with horizontal dashed lines, typical of primary-ruled notebook paper. The lines are evenly spaced and run across the width of the page. There are no margins, text, or other markings on the paper.

Learning Objectives:	Strategy
By the end of the lesson, the student should be able to:	Dialogue and discussion –Critical thinking – Brain Storming
<ul style="list-style-type: none"> ▪ Identify the most important terms of the lesson. ▪ Solve the student's book exercises. ▪ Write the project's code in right way. 	Teaching aids
	Electronic board – Student's Book – – presentation

Lesson Presentation

[illegible]